



Service Check List

Unit Number: sku# 6506
 Service Date: 11-8-18

SERVICE DESCRIPTION Y N N/A

- Check for proper block heater operation
- Check coolant level
- Check coolant for proper freeze protection
- Check coolant for proper PH
- Replace coolant filter
- Visual inspection of radiator for leaks
- Inspect radiator cap for cracks and leaks
- Check coolant hose condition
- Check engine belts
- Inspect water pump for signs of leakage
- Check battery charger operation
- If applicable record battery installation date 11-6-2018
- Visual Inspection of battery condition
- Check and tighten battery cable connections as needed
- Check electrolyte level in battery
- Check battery charger output voltage _____
- Check battery charging alternator output voltage 14vdc
- Check starter system
- Test condition of flexible fuel lines
- Check fuel tank for contamination
- Check fuel injection pump for leaks
- Check vents on gas regulator for obstruction
- Check distributor cap and rotor for signs of damage



Service Check List

Unit Number:
Service Date:

SERVICE DESCRIPTION Y N N/A

Check ignition points for excessive wear	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Check spark plugs, if applicable	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Check high voltage ignition wires for cracks or damage.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Check engine oil level.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check engine oil appearance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drain and replace engine oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Replace engine lube oil filters.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Visual inspection for oil leaks.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Inspect air filters for dirt and deterioration	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Replace fuel filters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Visual inspection of engine and generator mounts/spring isolators	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ensure proper operation of starter motor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check governor oil level and add oil as needed	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Check governor linkage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check governor belt condition and tension	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Check for proper governor response and stability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Visual inspection of meter and gauge readings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check and record generator output voltage <u>477</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check and record AC current <u>1380</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check and record frequency of generator <u>60</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check and record hours since last service <u>11</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check and record engine oil pressure <u>76</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check and record engine water temperature <u>176</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Service Check List

Unit Number:

Service Date:

SERVICE DESCRIPTION Y N N/A

- | | | | |
|---|-------------------------------------|-------------------------------------|--------------------------|
| Test pre-alarms for proper operation | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Test engine safety shutdowns if accessible..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Check intake and exhaust louver operation | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Visually inspect controller is free of excessive debris..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Visually inspect controller's readings are correct..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Check breaker for function and serviceability of terminal lugs..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Visually inspect exhaust system for leaks | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Check exhaust drain valve for blockage | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Inspect exhaust flex pipe for cracks and damage..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Check rain cap for proper opening/closing..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Check if manual is present..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Load Bank Test for 2hrs per the following..... | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
- *30 min step loads to 100% load, while observing for leaks, noises, vibration, and proper operation of genset, controls and instruments.
- *90 minute run at 100% of nameplate rating, 1.0 PF.
- *Log all engine/generator operating parameters at min 15 minute intervals, use data logging from controller if controller is capable. Load bank test form is on the last page of this procedure.

